

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|--|------------------|---------|------------------|
| L1 | 2 | "5664018".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 15:22 |
| L2 | 2 | "5530759".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 15:24 |
| L3 | 2 | "6598162".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 15:25 |
| L4 | 2 | "5530759".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 15:29 |
| L5 | 2 | "5530751".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 15:29 |

EAST Search History

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| S2 | 601663 | digit\$4 near3 (signal\$4 or wave\$3 or information\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 10:47 |
| S3 | 423712 | digit\$4 near3 (data\$3 or sampl\$4 or information\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 10:48 |
| S4 | 10606836 | file\$3 near\$4 format\$4 near\$4 (information or data\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 10:49 |
| S5 | 266807 | S2 and S3 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 10:51 |

EAST Search History

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| S6 | 266807 | S5 and ad<"19960117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 10:52 |
| S7 | 86690 | S5 and @ad<"19960117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 10:53 |
| S8 | 211625 | (manipulat\$3 or chang\$3 or shift\$4 or arrang\$4 or alter\$3 or modif\$6) and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:25 |
| S9 | 65449 | (manipulat\$3 or chang\$3 or shift\$4 or arrang\$4 or alter\$3 or modif\$6) and S7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:27 |
| S10 | 249727 | (manipulat\$3 or chang\$3 or shift\$4 or arrang\$4 or alter\$3 or modif\$6) near (content or information or data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:27 |
| S11 | 13627 | S9 and S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:29 |
| S12 | 1357018 | (key\$3 or (mask\$3 adj3 set\$3) or secret\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |

EAST Search History

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| S13 | 601663 | digit\$4 near3 (signal\$4 or wave\$3 or information\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S14 | 423712 | digit\$4 near3 (data\$3 or sampl\$4 or information\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S15 | 10606836 | file\$3 near\$4 format\$4 near\$4 (information or data\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S16 | 266807 | S13 and S14 and S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S17 | 86690 | S16 and @ad<"19960117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:31 |
| S18 | 65449 | (manipulat\$3 or chang\$3 or shift\$4 or arrang\$4 or alter\$3 or modif\$6) and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S19 | 249727 | (manipulat\$3 or chang\$3 or shift\$4 or arrang\$4 or alter\$3 or modif\$6) near (content or information or data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |

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| S20 | 13627 | S18 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S21 | 5218 | S20 and S12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 11:48 |
| S22 | 11 | S21 and (digit\$3 adj4 watermark\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:20 |
| S23 | 16 | S21 and (watermark\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:04 |
| S24 | 2241 | ((protect\$4 or secur\$4) near3 digit\$3 adj3(signal or wave\$3 or carrier\$3 or content\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:11 |
| S25 | 76 | ((digit\$3 adj3 (signal or wave\$3 or carrier\$3 or content\$3)) near (digit\$3 adj3 (data or sampl\$3)) and (file\$3 adj3 format\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:16 |
| S26 | 4 | ((key\$3 or (mask\$3 adj3 set\$3)) near3 (manipulat\$4 or conver\$4 or alter\$4 or chang\$3 or modif\$4) near3 (file\$3 adj3 format\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:18 |

EAST Search History

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| S27 | 0 | S24 and S25 and S26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:21 |
| S28 | 8 | S24 and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:24 |
| S29 | 163 | S24 and @ad<"19960117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:24 |
| S30 | 0 | S29 and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:24 |
| S31 | 0 | S25 and S29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 12:24 |

EAST Search History

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| S33 | 31 | ("6037984" "6044182" "6069914" "6076077" "6078664" "6086707" "6108434" "6128411" "6145081" "6146777" "6154571" "6168207" "6181802" "6192138" "6192139" "6205249" "6208745" "6216228" "6226387" "6216228" "6226387" "6243480" "6243481" "6259801" "6268866" "6272222" "6278792" "6282650" "6285774" "6298142" "6301663" "6310962" "6314192" "6314518" "6320829" "6330672" "6332030" "6341350" "6345104" "6359998" "6360000" "6370319" "6385329" "6389151" "6389152" "6396937" "6400826" "6408330" "6411725" "6415041" "6418232" "6424726" "6425081" "6425082" "6434253" "6438692" "6446130" "6453053" "6456727" "6470090" "6477276" "6487301" "6499105" "6510233" "6512836" "6513118" "6522766" "6522767" "6526510" "6529506" "6535616" "6556688" "6560339" "6563935" "6563936" "6571220" "6587944" "6598162" "6600828" "6603576" "6603864" "6608911" "6621933" "6625295" "6625298" "6628591" "6633652" "6636616" "6636617" "6639996" "6639997" "6643382" "6647130" "6650763" "6659353").pn. and 713/17\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 15:20 |

EAST Search History

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| S34 | 29 | ("6037984" "6044182" "6069914" "6076077" "6078664" "6086707" "6108434" "6128411" "6145081" "6146777" "6154571" "6168207" "6181802" "6192138" "6192139" "6205249" "6208745" "6216228" "6226387" "6216228" "6226387" "6243480" "6243481" "6259801" "6268866" "6272222" "6278792" "6282650" "6285774" "6298142" "6301663" "6310962" "6314192" "6314518" "6320829" "6330672" "6332030" "6341350" "6345104" "6359998" "6360000" "6370319" "6385329" "6389151" "6389152" "6396937" "6400826" "6408330" "6411725" "6415041" "6418232" "6424726" "6425081" "6425082" "6434253" "6438692" "6446130" "6453053" "6456727" "6470090" "6477276" "6487301" "6499105" "6510233" "6512836" "6513118" "6522766" "6522767" "6526510" "6529506" "6535616" "6556688" "6560339" "6563935" "6563936" "6571220" "6587944" "6598162" "6600828" "6603576" "6603864" "6608911" "6621933" "6625295" "6625298" "6628591" "6633652" "6636616" "6636617" "6639996" "6639997" "6643382" "6647130" "6650763" "6659353").pn. and "380"/\$.cccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 13:09 |
| S35 | 13 | "4339134".pn. "4896275".pn. "5369707".pn. "5406627".pn. "5410598".pn. "5469536".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 13:18 |
| S36 | 12 | "5497419".pn. "5513261".pn. "5530739".pn. "5530751".pn. "5530759".pn. "5598470".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:27 |

EAST Search History

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| S37 | 113 | 713/176.ccls. and @ad<"19960117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:55 |
| S38 | 24 | S37 and (digit\$3 adj3 (signal\$3 or wave\$3 or carrier\$3 or content\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:56 |
| S39 | 267 | 380/20\$.ccls. and @ad<"19960117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:56 |
| S40 | 70 | S39 and (digit\$3 adj3 (signal\$3 or wave\$3 or carrier\$3 or content\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:57 |
| S41 | 14 | S19 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 15:34 |
| S42 | 16 | "5625690".pn. "5633932".pn. "5719937".pn. "5737416".pn. "5799083".pn. "5859920".pn. "5870474".pn. "5894521".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 15:39 |
| S43 | 18 | "5912972".pn. "5930369".pn. "5930377".pn. "5963909".pn. "5973731".pn. "5999217".pn. "6041316".pn. "6081251".pn. "6278780".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 15:41 |